Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081418\
Data File : VF059959.D
Acq On : 14 Aug 2018 22:23
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : ICVVF081418

Quant Time: Aug 15 09:21:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081418S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 09:20:23 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	121	0.00
2	T	Dichlorodifluoromethane	50.000	44.025	12.0	106	0.00
3	P	Chloromethane	50.000	50.852	-1.7	125	0.00
4	C	Vinyl Chloride	50.000	48.294	3.4#	116	0.00
5	T	Bromomethane	50.000	46.934	6.1	119	0.00
6	T	Chloroethane	50.000	46.960	6.1	117	0.00
7	T	Trichlorofluoromethane	50.000	46.077	7.8	107	0.00
8	T	Diethyl Ether	50.000	50.132	-0.3	120	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.990	8.0	114	0.00
10	T	Methyl Iodide	50.000	48.591	2.8	122	-0.01
11	T	Tert butyl alcohol	250.000	243.615	2.6	110	0.00
12	CM	1,1-Dichloroethene	50.000	48.689	2.6#	117	-0.01
13	T	Acrolein	250.000	290.811	-16.3	137	0.00
14	T	Allyl chloride	50.000	54.586	-9.2	148	0.00
15	T	Acrylonitrile	250.000	256.262	-2.5	120	0.00
16	T	Acetone	250.000	200.454	19.8	102	0.00
17	T	Carbon Disulfide	50.000	48.143	3.7	125	-0.01
18	T	Methyl Acetate	50.000	47.771	4.5	128	0.00
19	T	Methyl tert-butyl Ether	50.000	46.936	6.1	115	0.00
20	T	Methylene Chloride	50.000	50.310	-0.6	123	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.707	4.6	117	0.00
22	T	Diisopropyl ether	50.000	50.201	-0.4	121	0.00
23	T	Vinyl Acetate	250.000	258.523	-3.4	118	0.00
24	P	1,1-Dichloroethane	50.000	47.659	4.7	115	0.00
25	T	2-Butanone	250.000	243.273	2.7	124	0.00
26	T	2,2-Dichloropropane	50.000	45.108	9.8	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.067	-2.1	122	0.00
28	T	Bromochloromethane	50.000	47.711	4.6	112	0.00
29		Tetrahydrofuran	250.000	237.054	5.2	116	0.00
30	C	Chloroform	50.000	46.136	7.7#	111	0.00
31	T	Cyclohexane	50.000	51.402	-2.8	120	0.02
32	T	1,1,1-Trichloroethane	50.000	44.803	10.4	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.920	8.2	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	128	0.00
35	S	Dibromofluoromethane	50.000	45.809	8.4	119	0.00
36	T	1,1-Dichloropropene	50.000	46.516	7.0	119	0.00
37	T	Ethyl Acetate	50.000	45.258	9.5	116	0.00
38	T	Carbon Tetrachloride	50.000	42.183	15.6	105	0.00
39	T	Methylcyclohexane	50.000	48.127	3.7	121	0.00
40	TM	Benzene	50.000	48.713	2.6	122	0.00
41	T	Methacrylonitrile	50.000	47.237	5.5	122	0.00
42	TM	1,2-Dichloroethane	50.000	43.032	13.9	105	0.00
43	T	Isopropyl Acetate	50.000	50.088	-0.2	129	0.00
44	TM	Trichloroethene	50.000	46.555	6.9	118	0.00
45	C	1,2-Dichloropropane	50.000	50.223	-0.4#	126	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	44.317	11.4	111	0.00
47	T	Bromodichloromethane	50.000	43.621	12.8	110	0.00
48	T	Methyl methacrylate	50.000	50.296	-0.6	121	0.00
49	T	1,4-Dioxane	1000.000	846.501	15.3	96	0.00
50	S	Toluene-d8	50.000	50.833	-1.7	126	0.00
51	T	4-Methyl-2-Pentanone	250.000	233.430	6.6	113	0.00
52	CM	Toluene	50.000	47.109	5.8#	119	0.00
53	T	t-1,3-Dichloropropene	50.000	44.600	10.8	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.311	1.4	116	0.00
55	T	1,1,2-Trichloroethane	50.000	48.643	2.7	122	0.00
56	T	Ethyl methacrylate	50.000	52.028	-4.1	125	0.00
57	T	1,3-Dichloropropane	50.000	44.639	10.7	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	216.597	13.4	106	0.00
59	T	2-Hexanone	250.000	250.447	-0.2	119	0.00
60	T	Dibromochloromethane	50.000	46.192	7.6	111	0.00
61	T	1,2-Dibromoethane	50.000	45.722	8.6	112	0.00
62	S	4-Bromofluorobenzene	50.000	48.556	2.9	117	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	123	0.00
64	T	Tetrachloroethene	50.000	47.114	5.8	121	0.00
65	PM	Chlorobenzene	50.000	47.462	5.1	117	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.215	9.6	113	0.00
67	C	Ethyl Benzene	50.000	47.605	4.8#	118	0.00
68	T	m/p-Xylenes	100.000	97.686	2.3	123	0.00
69	T	o-Xylene	50.000	46.958	6.1	116	0.00
70	T	Styrene	50.000	48.679	2.6	119	0.00
71	P	Bromoform	50.000	45.826	8.3	111	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73	T	Isopropylbenzene	50.000	51.119	-2.2	111	0.00
74	T	N-amyl acetate	50.000	54.433	-8.9	119	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.481	1.0	113	0.00
76	T	1,2,3-Trichloropropane	50.000	49.659	0.7	109	0.00
77	T	Bromobenzene	50.000	49.667	0.7	113	0.00
78	T	n-propylbenzene	50.000	48.636	2.7	108	0.00
79	T	2-Chlorotoluene	50.000	48.204	3.6	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.929	6.1	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.754	10.5	107	0.00
82	T	4-Chlorotoluene	50.000	46.316	7.4	106	0.00
83	T	tert-Butylbenzene	50.000	49.201	1.6	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.075	1.8	106	0.00
85	T	sec-Butylbenzene	50.000	49.028	1.9	106	0.00
86	T	p-Isopropyltoluene	50.000	49.536	0.9	108	0.00
87	T	1,3-Dichlorobenzene	50.000	47.839	4.3	110	0.00
88	T	1,4-Dichlorobenzene	50.000	49.524	1.0	109	0.00
89	T	n-Butylbenzene	50.000	49.359	1.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.843	4.3	107	0.00
91 T	1,2-Dichlorobenzene	50.000	48.414	3.2	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.478	9.0	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.619	0.8	107	0.00
94 T	Hexachlorobutadiene	50.000	46.273	7.5	102	0.00
95 T	Naphthalene	50.000	50.550	-1.1	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.513	1.0	107	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6